

ECIP Defined - Any project that will reduce energy consumption, costs, provide savings in operating and maintenance costs, and help achieve energy goals, can be considered an ECIP candidate. This is a Military Construction (MILCON) funded program primarily intended for accomplishing energy conservation retrofits of existing buildings. It includes construction of new, high-efficiency energy systems and modernization of existing systems. All projects must have a validation plan to verify the actual energy savings.

Project Evaluation - Projects are ranked on the basis of the greatest potential life-cycle cost payback as indicated by the SIR and payback period. Additional consideration is given to projects that substitute renewable energy for nonrenewable energy. Projects must have an SIR greater than 1.25 and a discounted payback period of ten years or less.

Project Life-Cycle Cost Analysis - Required for each overall and for each discrete retrofit action (i.e., storm windows, insulation, economizer, etc.) included within the project will be performed and be included with the 1391 project documents submitted for consideration. Use the actual current cost of energy at the facility.

Calculation Standards - The estimated construction cost, labor and material costs, and the actual current unit costs of the energy at the facility analyzed (cost to the Government, not stock fund prices) will be used as the basis for all life-cycle cost calculations.